ABSTRACT OF DISCLOSURE

An image processing apparatus performing image processing when a printing resolution of an image output apparatus is higher than a reading resolution of an image input apparatus, so that image data read by the image input apparatus is converted to image data having a high resolution to be outputted from the image output apparatus. When an original contains both a text and a picture, the apparatus performs image-region segmentation processing to identify the text and the picture, and increasing a resolution of a text region to be higher than a resolution of a picture region within an output image of the original, while making the number of pixels equal in the entire output image after binarization of each region.

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